

Flowers for Home and Garden

BY A GARDEN GROWER.

THERE were many thousands of visitors during the past week to Laurelhurst park to view the educational planting of tulips, and the flowers not only presented a fine picture, but imparted information to the visitors as to what varieties do particularly well in this locality.

On every hand you heard exclamations of pleasure over some variety which happened to strike the fancy of the viewer and many a frame of paper were used in jotting down notes as to the particular merits of this or that variety. One set of blooms which attracted special attention was the group of the Valentine variety, which during practically the entire week exhibited most brilliancy in its great combination of colors. It is one of the newest varieties, being a rich violet purple with a blue center, and as the flowers unfolded the wonderful shades of the interior appeared most gorgeous and striking.

Another that attracted much attention was the group of the Clara Butt variety, which has a most appealing shade of crimson, with a distinct blue-black center margined in white. Rev. H. Fabanks, silvery lavender and heliotrope shades in a striking combination, was noted by many visitors, who no doubt will cherish it in their gardens next year.

Clara Butt Bed Attracts.
Aside from the educational planting of 30 or more named varieties, interest centered around the large bed of about 4000 of the Clara Butt variety, whose soft salmon rose colors were in striking contrast to the surrounding big trees.

Some few weeks ago I gave the readers of this department some interesting facts about the making of a lawn, which has been followed by Professor C. V. Piper, agriculturalist of the federal department of agriculture. In the same letter I gave helpful suggestions as to the management of a lawn, which I promised the readers I would give to them. In connection with a card, I gave an account of a lawn, Professor Piper says:

Bone Meal Good Fertilizer.
"Most lawns need an occasional application of some good fertilizer. Bone meal is one of the best commercial fertilizers for the lawn. It is used to apply in fairly quick results. The best time to apply it is in the late winter and very early in the spring. From 10 to 15 pounds to 1000 square feet of lawn is the quantity to use. Nitrate of soda and sulphate of ammonia are the best quick-acting fertilizers for grass. They are very soluble and readily available, but unfortunately, unless they are applied carefully, they seal the grass badly. From 10 to 15 pounds to 1000 square feet of lawn is the quantity to use. Nitrate of soda and sulphate of ammonia for 1000 square feet of surface is sufficient for one application. It is suggested that they be applied in a mixture with a good compost composed of two parts of loam and one part of finely divided manure or mushroom soil, and evenly over the surface of the lawn.

Rose Should Be Used.
After the mixture is applied it should be well watered with a hose. If this practice is followed little damage from scalding will result. If the compost is not available loam or sand may be used. Application of nitrate of soda or sulphate of ammonia can be made advantageously in the spring, midsummer and early fall. A less pronounced effect is obtained from midsummer applications than from spring or fall applications.

"Heavy clay soils are improved by applications of sand and an equal amount of loam or more in depth. Sharp clean sand, free from silt, is most suitable. While the sand works into the surface of the lawn it is quickly and disappears from view, it nevertheless produces a lasting and decidedly beneficial effect. Sand is beneficial also for eradicating the dark green algae or slime, commonly called moss, that frequently occurs on shaded or poorly drained places when the grass is thin. These patches are usually formed by lower plants belonging to the group known botanically as algae. Covering them with sand will cause them to disappear and promote the growth of grass.

"Good turf requires frequent clippings. Lawns ordinarily should be clipped twice a week during the rapid growing season.

Close Clipping Seldom Injures.
Very close clipping may be detrimental, but it is seldom that a lawn is injured by this means. While it usually makes little difference whether the clippings are removed or allowed to remain on the lawn, it is considered the best practice to remove them. The roller should be used directly, especially on clay soils. Reasonably heavy rolling in the spring to firm the turf and smooth the surface of the lawn is quite helpful. Rolling during the summer of clay soil is neither necessary nor advisable.

"During the dry periods of spring, summer and fall lawns require watering. There is little definite information as to the best time of day to water them, but it is generally thought advisable to apply the water in the afternoon. An occasional thorough soaking is much more beneficial than frequent light sprinklings. It is a good practice to begin sprinkling lightly, allowing the water to soak into the surface of the soil before a full application is made. In this way the absorption is greatly increased and the quantity of water that can be applied without run-off is much larger than by the ordinary method.

Weeds Trouble From June On.
While weeds are troublesome in the lawn throughout the growing season, they are particularly so from the latter part of June until frost. During this period crabgrass in many sections is very bad. There is really no satisfactory method of checking the growth of crabgrass except to cut or pull the plants while they are still small. This is a tedious and expensive practice. Much difficulty is usually experienced in cutting crabgrass with an ordinary rotary lawn mower on account of its semi-prostrate character. This difficulty can be overcome to a certain extent if the grass is mowed just prior to the moving. It is impossible, however, to cut crabgrass sufficiently close to prevent the formation of seed. Among the other troublesome weeds are dandelion, plantain, chickweed, veronica and oxeye daisy.

"Chemical sprays are somewhat more effective in eradicating crabgrass. However, the best method of eradicating them by means of a spud or similar implement.

In the main the use of chemical sprays on lawn weeds has not given very satisfactory results. The weed problem can be solved by making the conditions as favorable as possible for the turf grasses and maintaining a strict watch at all times to remove troublesome weeds as they appear. In constructing a lawn it is highly important that it be protected so that the overwash will not carry over the seeds of noxious weed. If this precaution is

with this spring she has just finished installing a large collection of Meteor geraniums and Saxifrage daisies.

Mrs. J. B. Tennant, 1947 East Burnside, has added to her collection of shrubs.

Mrs. J. Grable, 1124 Mallory avenue, is making a special feature of hollyhocks in her old-fashioned garden this year.

I. Campbell, 227 Naritilla street, has just finished installing a large number of annual bedding plants in his window boxes, consisting of single geraniums, heliotrope, coleus and vincas.

Mrs. J. W. Bellow, 504 Hawthorne avenue, will have for her fall flowers a special collection of chrysanthemums, having finished planting Graciosa's crimson, Normandie, Migdon, Queen of Whites and Charles Gerard varieties.

P. G. Haines of 316 Lombard street has added to his collection of dahlias the following varieties: Anna Dopenberg, P. W. Jansen, Yellow King, John Ridding, W. E. Petus, Wodan and Sir Douglas Haig.

Mrs. J. C. McDougall, 5911 East Nineteenth street, Southeast, is featuring in her garden a large collection of lantana, petunias, verbenas and geraniums.

Mrs. G. W. Ballou, 651 Hoyt street, has just finished a planting of geraniums, verbenas, petunias, pansies, lobelia and salvia.

For her window boxes Mrs. E. L. Williams, 4574 Pettygrove street, is using double red geranium, lobelia, vincas and alyssum, and has also put in her garden a large planting of cosmos of early fall flowers.

Mrs. J. T. Bridges of Oakland, Or., in addition to putting in a large number of Imperial King flowers, has also ornamented her garden with many snapdragons and lantanas.

The Westport Lumber company of Westport, Or., during the week placed an order with a Portland florist to furnish 30 filled hanging baskets for ornamenting the porches of the company's hotel. At the same time it put in an order for a large number of bedding plants for the window boxes and some large flower beds on the hotel grounds.

Gay L. Case, 321 East Twenty-fourth street, is putting in a carpet of bedding of canna, coleus and other plants in his garden. The latter is very seldom seen except in parks and exceptional large plantings and is always quite effective in the garden. The plants are for a large planting such as Mr. Case contemplates.

For her window boxes Mrs. G. E. Anderson, 581 East Nineteenth street North, is using largely the single 'Pride of Portland' petunia.

Mrs. E. F. Halton of Tillamook has planned as garden ornaments this season a number of Imperial King tubs filled with annual flowering plants.

Garden Problems.

I am troubled with moles in the garden. Can you give me a sure way of getting rid of them? It is effective and does it damage the vegetation?

TROUBLED GARDENER.
Answer—Several ways of getting rid of moles are suggested, but the only one which I have found to be successful is to catch them. I have tried many traps, but there is only one which I have had success. It is known as the 'mole trap' and is made by the park bureau, and I believe it has been recommended by the Oregon Agricultural college as the most efficient and sure way of getting rid of the mole. You must first ascertain the straight run of the mole, that is, the one in which it travels the most, and then set your trap across this run. Scoop out a space about six inches long and see that the jaws of the trap are in the channel made by the mole, that is, that the jaws are on each side of the mole's hole. The advantage of this trap is that it will catch the mole, no matter in which direction he is traveling through his run. The use of poison gas is urged by many and I have friends who say it is successful. Small candles ready to ignite can be purchased at the seed stores and are very convenient to use. I have a friend who claims that he has got rid of moles by using the exhaust of his automobile. He attached a hose to the exhaust and then ran it into the mole run, filling it with gas. Against the trigger, fill in the dirt under the trigger and then wait results.

Trap Must Be Set Just Right.
I have found it a good plan to take a small stick and press down the dirt under the trigger, so that when the mole starts to work he will use a little force and throw the trigger. To be successful you must set the trap just right and the mole must be in the hole. The advantage of this trap is that it will catch the mole, no matter in which direction he is traveling through his run. The use of poison gas is urged by many and I have friends who say it is successful. Small candles ready to ignite can be purchased at the seed stores and are very convenient to use. I have a friend who claims that he has got rid of moles by using the exhaust of his automobile. He attached a hose to the exhaust and then ran it into the mole run, filling it with gas. Against the trigger, fill in the dirt under the trigger and then wait results.

Now Is Time to Make Porch Boxes.
If you have not yet arranged for your porch boxes, urns and hanging baskets, do not delay if you want to get the full benefit of these adornments to the home during the summer. The weather is now settled so that there is no danger of the more tender plants being damaged by frost. In the center of your boxes you will want the taller growing things, like geraniums, coleus, heliotrope, petunias and similar plants, while for the trailing features you can use variegated vincas, trailing lobelia, verbenas, but if in a sunny location, sweet alyssum or the trailing variety is particularly good.

Among the other things which can be used in boxes are the trailing agathes or blue marguerite, abutilon or flowering maple, snapdragons, the coleus, centarea, ragwort or dusty miller, celosia or cockscomb, particularly the plume variety, nemesis, and schyzanthus or butterfly.

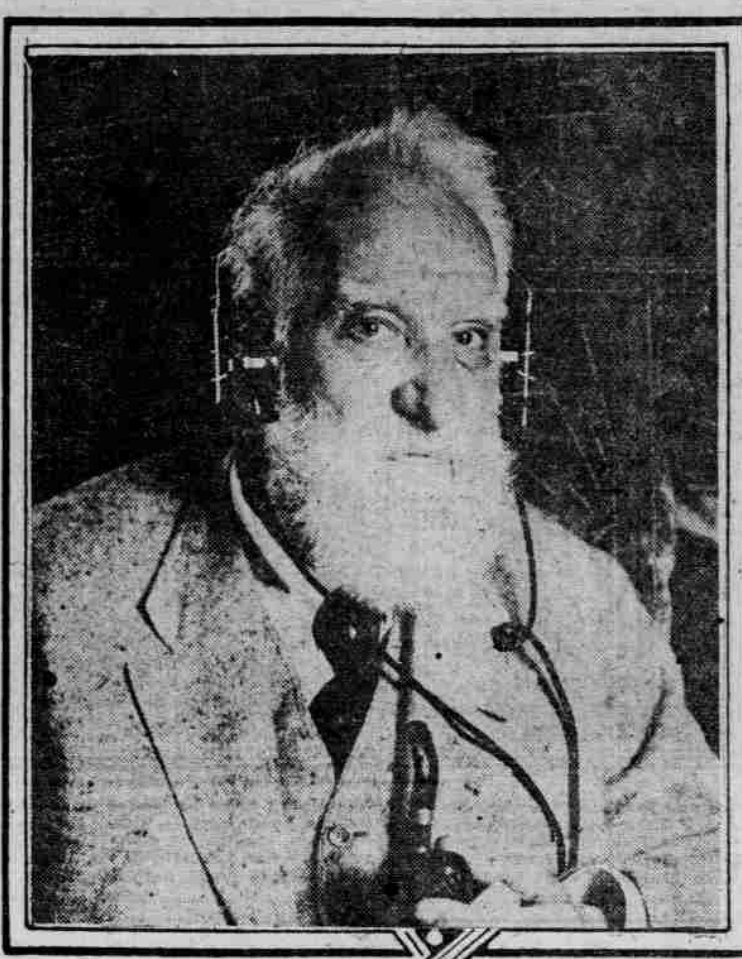
Success Depends on Soil.
J. G. Bacher of the Swiss Floral company, who specializes much in this class of ornamentation, says: "Success in box planting depends much on the very rich soil for the plants have to feed on a very limited area and unless they have the necessary amount of plant food will soon starve. The boxes should be supplied, as the season advances, with fresh fertilizer and sheep manure and bone meal mixed in equal proportions and a thorough application to every square foot of the box about every three weeks will help a lot. Watering is most essential. The boxes should never become dry, therefore they should be watered each day, unless heavy rain is expected, in which case we have so few rain storms they should get their daily drink of water. "Should through absence of neglect, the boxes become dry, put on a little water at a time, until the soil gradually becomes saturated, as you can get better penetration this way than if you pour on a lot at a time. Keep the dead flowers cut off or otherwise your boxes will gradually become a mass of withered flowers. Remember that the plants have a hard enough time in their limited space and it takes a lot of plant strength to carry dead blooms or seed pods, and then, also, you do not get the real benefit and beauty of your plantings."

Notes of the Garden.
E. J. Jaeger of Westover Terrace, has ornamented his garden with a large planting of geraniums and annual bedding plants.

In addition to the many things which Mrs. S. C. Slocum of Summit avenue has ornamented her garden

TELEPHONE INVENTOR ARDENT ENTHUSIAST OF RADIOPHONE

Alexander Graham Bell Finds Own Invention Is Source of Annoyance So He Has Telephone Removed From Home and Radio Installed.



Alexander Graham Bell, 75 years old several months ago, enjoying the programmes brought to him by the machine that took a step forward over his own invention.

ALEXANDER GRAHAM BELL, inventor of the telephone, found some time ago that his own invention was a great source of annoyance to him so he had it removed from his home. On the other hand, the radio machine that has taken a step forward over the telephone in communication has become an important adjunct in his home.

Mr. Bell, who passed his 75th birthday several months ago, is said to be a most ardent radio enthusiast today and spends a great deal of his time with pipe in hand and receivers over his ears, listening to the various programmes of concerts and lectures that are floating about the ether.

When you adjust your tuner and filament switches for the best results from a certain station, mark each knob so that you will know how to tune for the same station the next night. If you mark the knobs for the different knobs of your set marked to whichever one you want to pick up any night. Of course you may have to do some minor adjusting after the station is caught, for the weather and atmospheric conditions vary and so tuning or adjusting is always necessary, but by having the different knobs of your set marked to the different stations, you will save a great deal of trouble and time when you get ready to tune in for the stations you want to hear.

Under the auspices of the Seattle Radio association, the first radio show will be held in the northwest will be given in Seattle from June 5 to June 10. Special feature exhibits have been planned for the show. Among them is a radio controlled automobile. Forty aerals will be erected on the roof of Dreamland pavilion, where the show is to be held, for the purpose of catching the radio waves and connecting them to the electrical engineering department of the University of Washington will have an interesting exhibit, embracing many of the latest improvements and developments in radio science. Another exhibit will be by the Bureau of Standards, which is expected to be quite elaborate. Silver trophy cups will be given during the show for speed and other contests open to all the amateurs throughout the country.

Phone Girls to Have Home.
Science and Motion.
"I hear they have established a home for telephone operators." "And what did they name it?" "Listen Inn."

Radio Notes
(Continued From Page 6.)
Other does not get torn and so short-circuit the tubes against each other. If this condenser is placed across the secondary of a loose-coupler the receiving results will be increased quite a little.

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122 Park Street Portland, Or.

RADIO PHONOGRAPHS

PORTLAND INVENTION

The Sincere radio phonograph is now being used with wonderful success by The Oregonian broadcasting station.

Portland, Ore. March 21, 1922.

Mr. W. O. Erbes, 4813 72nd Street S. E., Portland, Oregon.

Dear Sir:

We, the undersigned, who are connected with the Radio Wireless here in Portland and elsewhere, have had opportunity to give your new Sincere Radiophone Phonograph Radio Tuning Modulator and Modifying Amplifier a severe test, and have found it up to every expectation of ours. The entire elimination of the scratch and surface noise is especially commendable. The rich full, natural tone that this instrument produces, together with its ability to withstand any and all forced tone, magnification, free from distortion and blast makes it an instrument highly desirable in the sending and receiving of messages, club, vocal or musical.

The extreme smallness makes it especially adaptable for the radio wireless, and we highly recommend your invention as the instrument that will fill a much needed want. The entire absence of surface noise and the surface noise that are to be found in all different makes of phonographs makes the use of your specially constructed instrument imperative, and we are confident that good results are to be had for human ear-construction.

Wishing you success, and hoping that you can make them that recognize the value that you are calling in, I am,

Yours respectfully,

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I made careful tests in my station of the above and find that it is a most valuable instrument and after months of use I have found it to be a most valuable instrument and after months of use I have found it to be a most valuable instrument.

Hallock & Watson Radio Service by H. A. Watson

Recent tests made by the Ship Owners' Radio Service prove the new type Symcoe to greatly improve transmitting or receiving with a magnavox. Made in all sizes, so sensitive may be used with crystal or tube sets as amplifying horn.

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